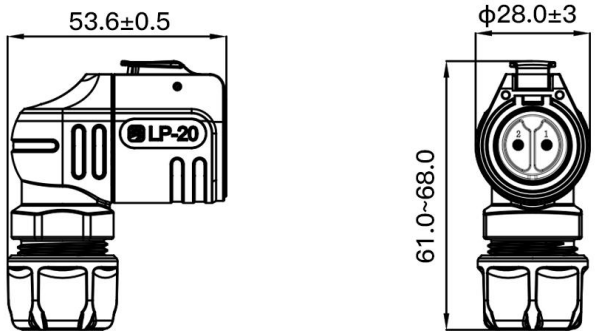

1
2

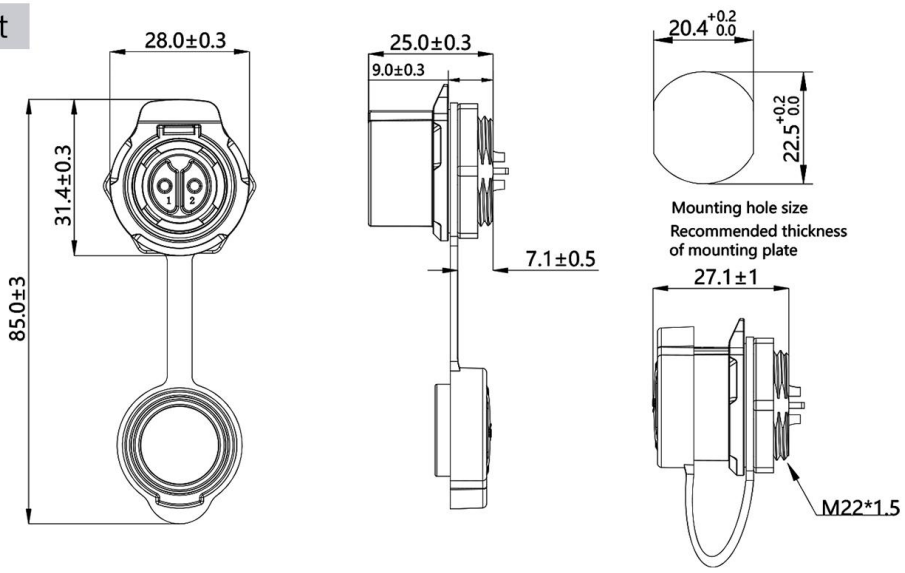
Standard Size

unit:mm

Plug



Socket



Connector Specifications

Male Plug								
Female Socket								
Number of Pins	2pin	3pin	4pin	5pin	7pin	9pin	12pin	14pin
Rated Current	20A			10A		5A		
Working Voltage	500V AC			500V AC		250V AC		
Withstanding Voltage	2000V AC			2000V AC		1500V AC		
Contact Resistance Max	1.0mΩ			3.0mΩ		5.0mΩ		
Insulation Resistance Min	500MΩ							
Contact Diameter x Number	ϕ2.7*2	ϕ2.7*3	ϕ2.7*4	ϕ1.8*5	ϕ1.8*7	ϕ1.0*9	ϕ1.0*12	ϕ1.0*14
Wire Gauge	2.5~4.0mm²/14~12AWG			1.0~1.5mm2/18~16AWG		0.34~0.5mm²/22~20AWG		
Cable O.D Range	Φ10.5–12.0mm			Φ10.5–12.0mm		Φ5.0–7.0mm		Φ10.5–12.0 mm
Connection Method	Soldering							
Protection Level	IP68(mated,2m/48h)							
Mechanical Life	Over 2000 Times							
Operating Temperature	–40℃ ~ +120℃							
Salt Spray	≥48H							
Certifications	TUV, UL,CE, RoHS							